

# CONNECTIONLESS COMMUNICATION SYSTEM

Patent number: WO9214321

Publication date: 1992-08-20

Inventor: TAKASE TADAHIRO (JP); HAJIKANO KAZUO (JP);  
KAWASAKI TAKESHI (JP); SHIMOE TOSHIO (JP);  
TACHIBANA TETSUO (JP)

Applicant: FUJITSU LTD (JP)

Classification:

- international: **H04Q11/04; H04L12/56; H04Q11/04; H04L12/56; (IPC1-7): H04L12/66**

- european: H04Q11/04S2

Application number: WO1992JP00098 19920131

Priority number(s): JP19910010770 19910131; JP19910055020 19910319;  
JP19910134745 19910606; JP19910143350 19910614;  
JP19910168038 19910709; JP19910208262 19910820;  
US19950434744 19950504

Also published as:

EP0524316 (A1)  
EP0524316 (A4)  
AU677125 (B2)

Cited documents:

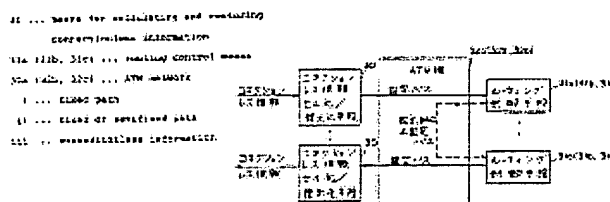
JP63215131  
JP63074346  
JP55067818  
JP2034060  
JP63224445  
more >>

[Report a data error here](#)

Abstract not available for WO9214321

Abstract of corresponding document: **EP0524316**

Local connectionless information (data transferred directly without establishing a path to the destination) such as data of a local area network (LAN) is contained in an asynchronous transfer mode (ATM) network which uses a connection-oriented communication system (a system in which data is transferred after confirming the establishment of a path to the destination), and efficient, high speed routing can be made. Provided are a means (30) for cellulating/restoring connectionless information which bidirectionally performs conversion from the connectionless information to the connectionless cell of a fixed-length cell, and vice versa, a routing control means (31) which analyzes the destination address of the information in the connectionless cell and controls the routing of the cell, and an ATM network (32) which connects the means (30) with the means (31) by a permanent virtual channel of a fixed path, and connects the means (31) with each other by a permanent virtual channel of a fixed path or by a virtual channel of a semifixed path. Thus, connectionless information is divided into cells, and the exchange of each cell can be performed in an ATM network.



Data supplied from the esp@cenet database - Worldwide

**BEST AVAILABLE COPY**